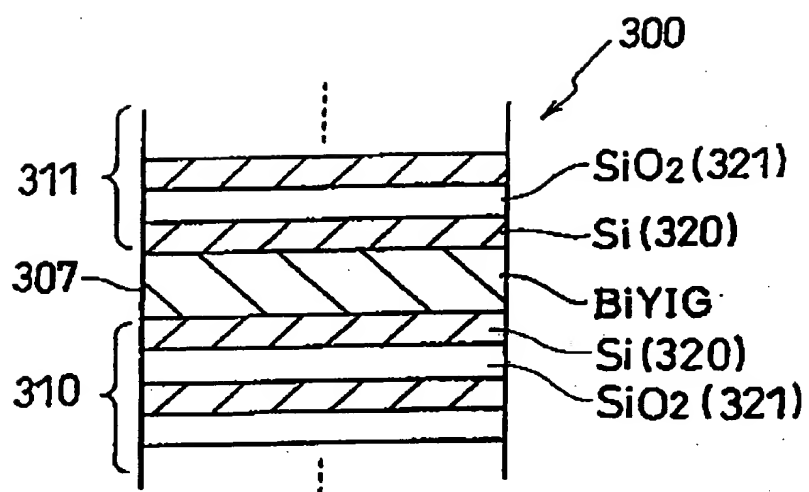


FIG. 1



$(\text{Si}/\text{SiO}_2)^n/\text{BiYIG}/(\text{SiO}_2/\text{Si})^n$

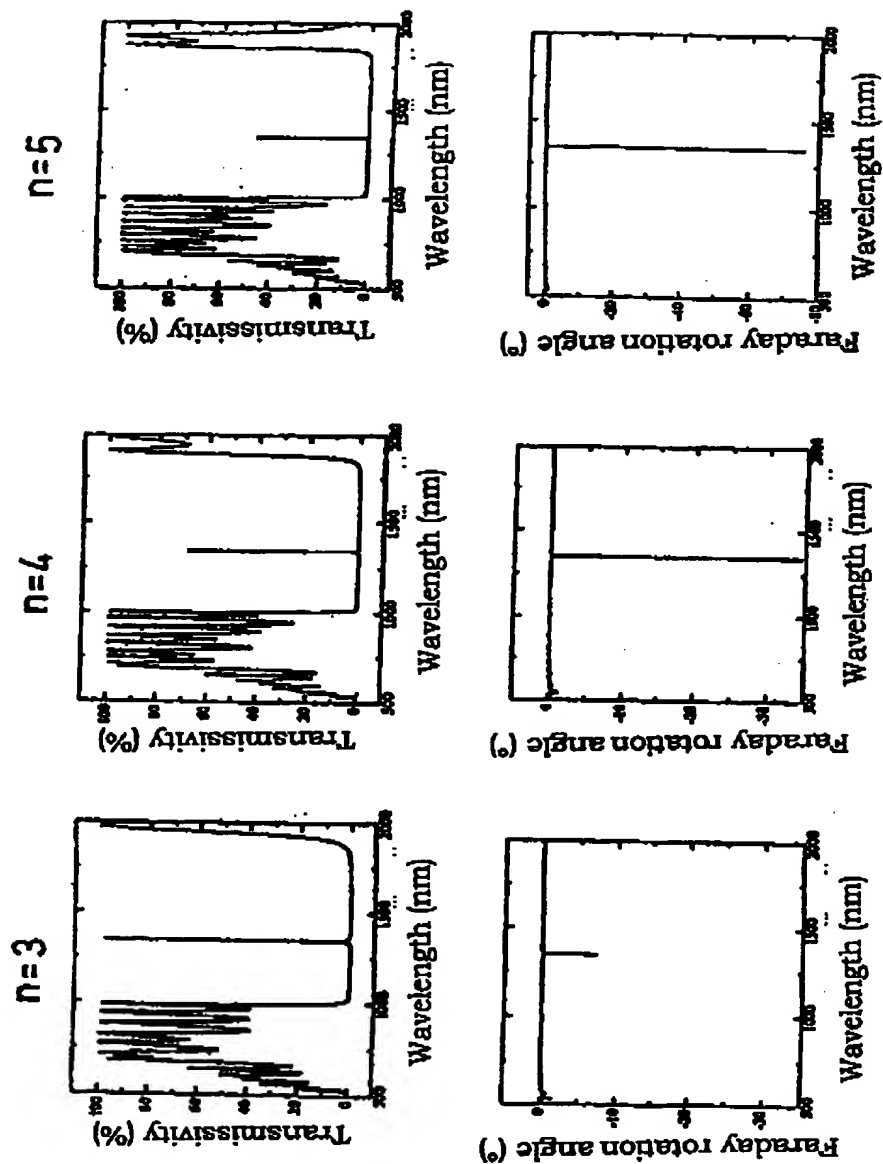
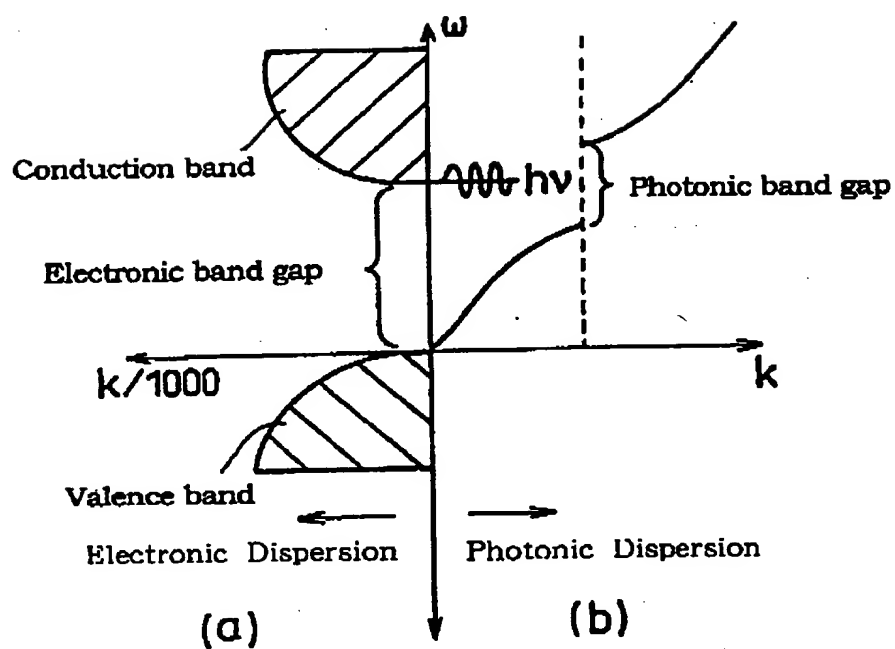


FIG. 2

FIG. 3



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FIG. 4

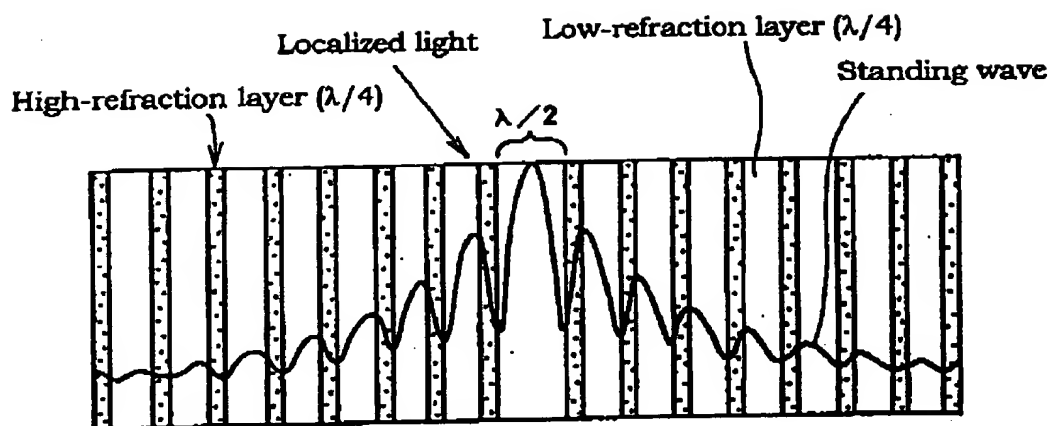


FIG. 5

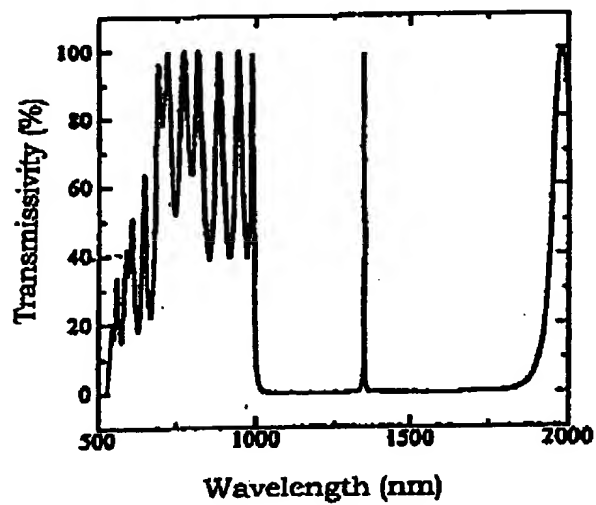


FIG. 6

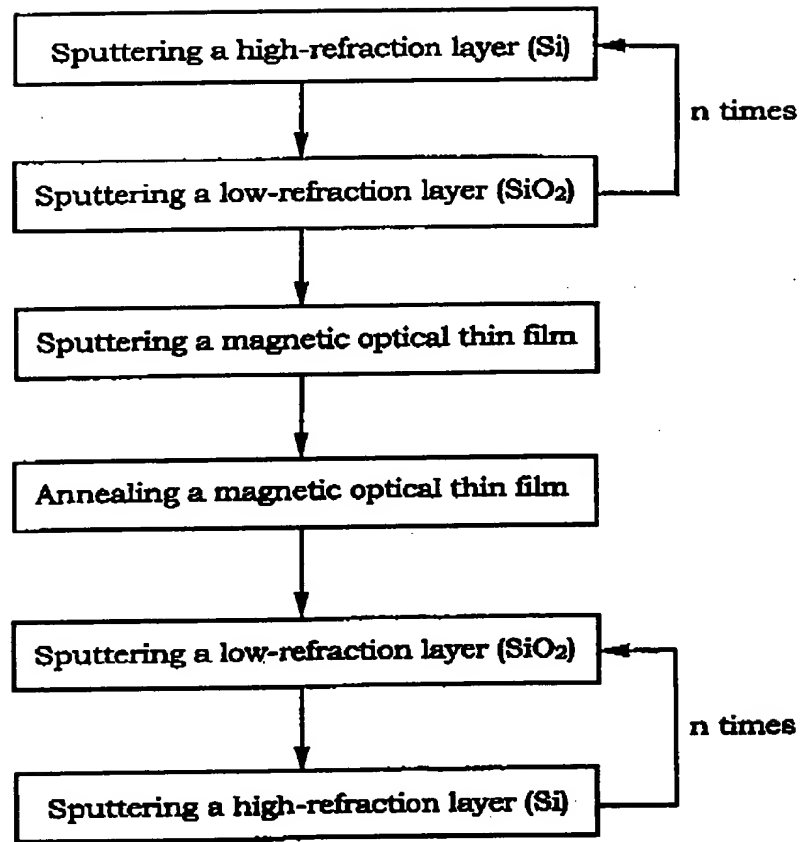


FIG. 7

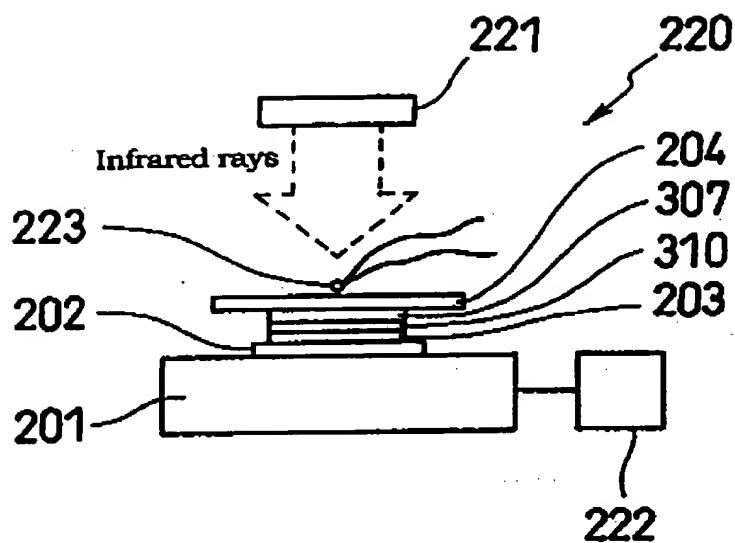


FIG. 8

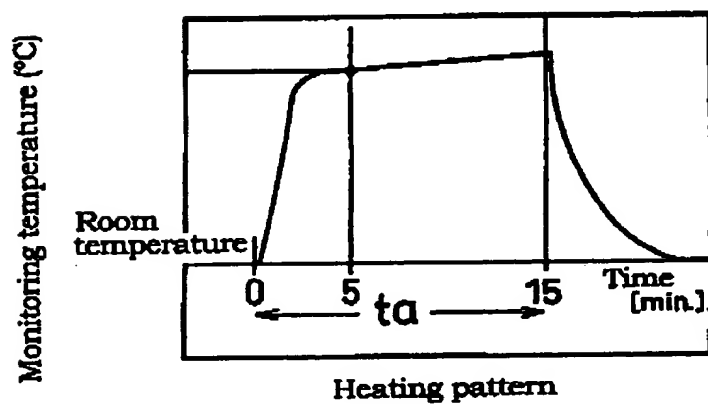


FIG. 9

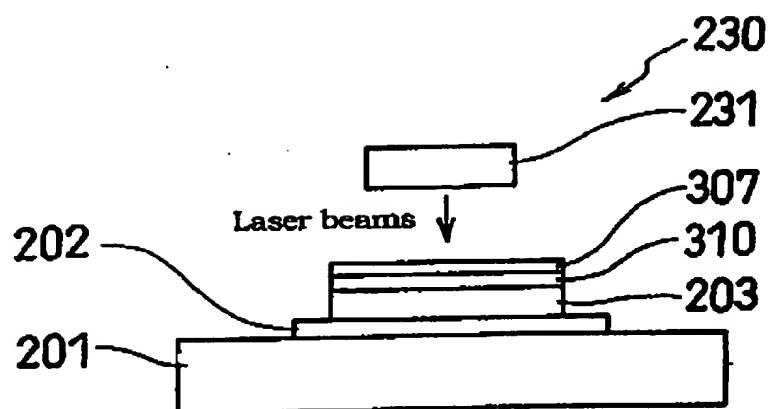


FIG. 10

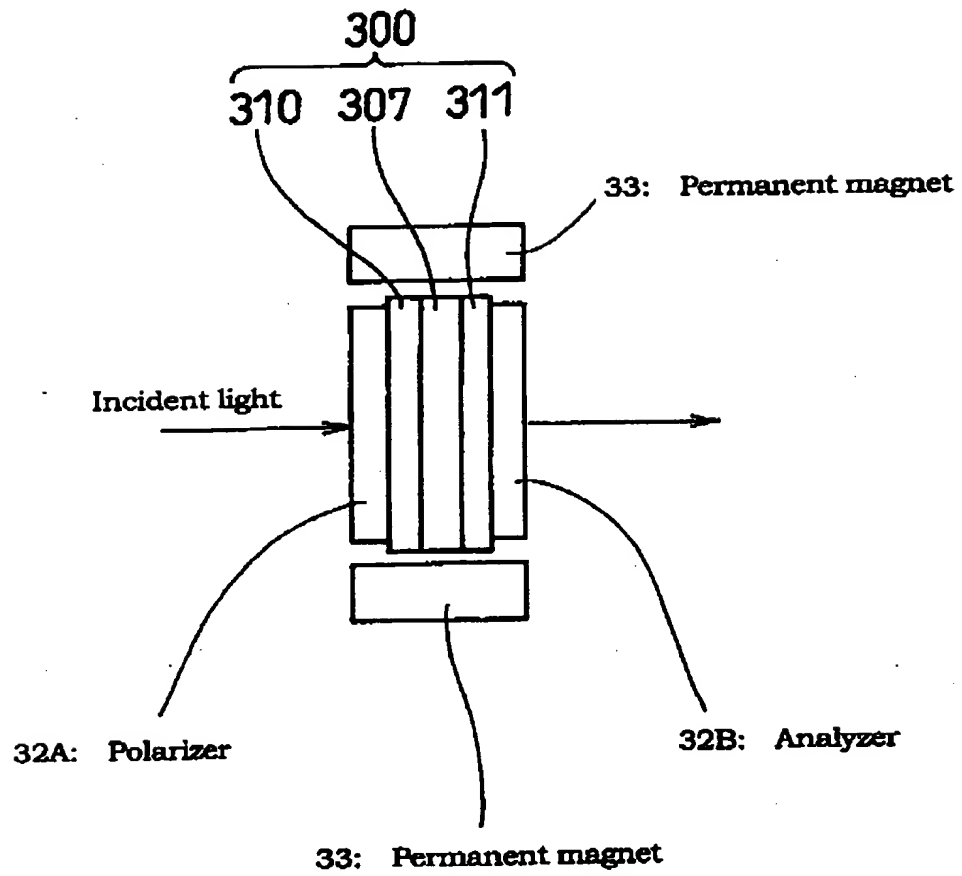
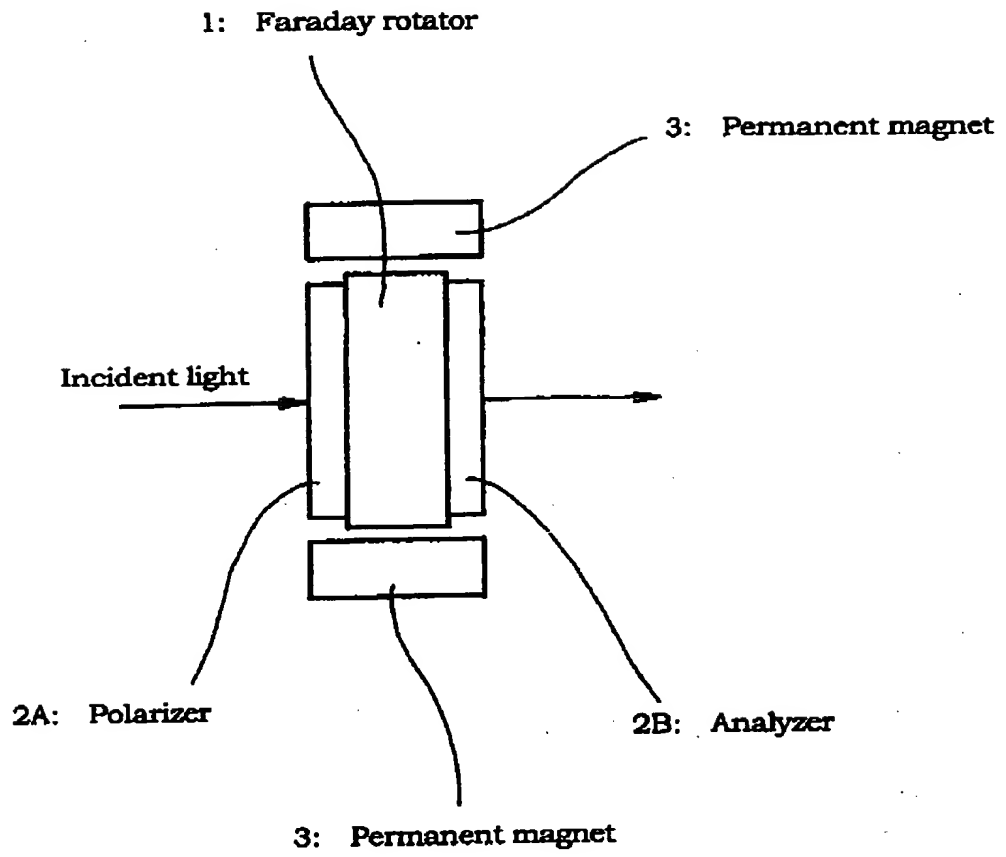


FIG. 11



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FIG. 12B

FIG. 12B is a perspective view of the second embodiment of the optical device. It shows a light source P (2A) emitting light E, which passes through a first polarizing plate 1 and a second polarizing plate 2B (tilted at 45 degrees). The light is then reflected by a mirror 105, passing through a third polarizing plate 106 and a fourth polarizing plate 107, before exiting as light H.

FIG. 13

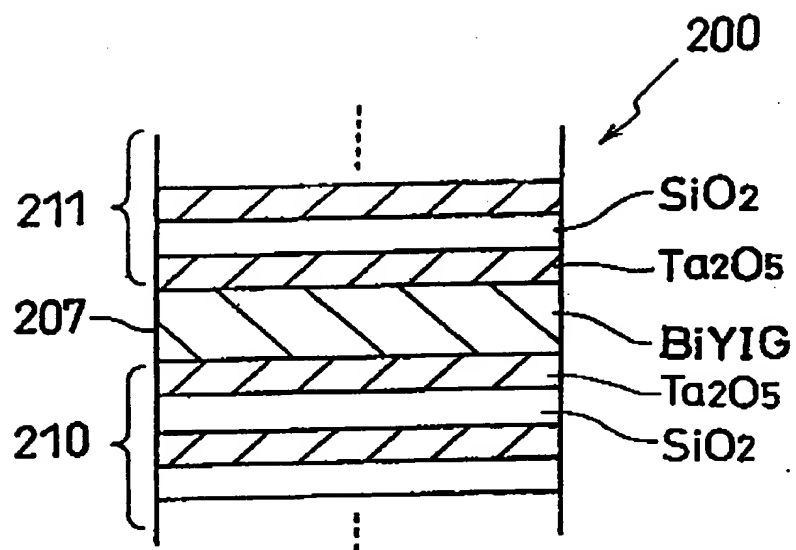


FIG. 14

Film Structure: $(\text{SiO}_2/\text{Ta}_2\text{O}_5)^{12}/\text{BiYIG}/(\text{Ta}_2\text{O}_5/\text{SiO}_2)^{12}$

